



**Systems Commissioned:**

- HVAC generation & distribution
- DOAS & misc. HVAC
- Electrical Power
- Lighting & lighting control
- Domestic hot water
- Natural Gas
- Fire Protection
- Fire Alarm
- Building automation system (BAS)

Commissioned: Q1 2021

**Honors:**

ULI Philadelphia's 2021 Awards for Excellence finalist

**Powel Elementary School & Science Leadership Academy Middle School Philadelphia, PA**

The project was a collaboration of the Philadelphia school district Samuel Powel Elementary School, the Science Leadership Academy, and Drexel University. This K-8 facility is approximately 87,000 sf over two stories and can accommodate 720 students.

PrecisCx provided paperless commissioning for the systems and equipment associated with this project. PrecisCx also developed and implemented a Commissioning Project Plan, confirmed incorporation of the Cx requirements in the construction documents and schedule, developed and executed installation checklists, developed and executed system test procedures, maintained an issues log, and prepared a final cx report. PrecisCx also witnessed selected system startups, duct & piping pressure tests, and reviewed the TAB report.

Close coordination of commissioning with the Construction Manager was required to assure issues were addressed in a timely manner as the project had to be completed prior to the start of the school year.



**Project Reference**

Joseph Fay  
Partner  
Quatrefoil Consulting, LLC

**Project Data**

Size: 87,000 square feet  
Category: Education  
Scope: New Construction  
Type: Paperless Commissioning  
Cost: \$42 million

**PrecisCx Team**

Principal in Charge: Kari Donovan, PE, CxA  
Project Manager: Harry Koons, LEED AP, CxA  
CQV Engineer: Lauren Schilling  
CQV Engineer: Robert Tarlo